

CLAIM AMENDMENTS

IN THE CLAIMS:

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. **(Currently Amended)** A method for cabling a plurality of computing components for a desired installation, the method comprising:

automatically identifying a first computing component and a second computing ~~components~~ **component** for connection according to a predetermined cabling sequence for connecting the plurality of computing components;

automatically determining a type of cabling connection to be made between the first and second computing components;

automatically identifying, from a plurality of first physical ports on the first computing component, a particular first physical port to be used for manual cable connection to a second physical port on the second computing component for physically connecting the first and second computing components;

before the particular first physical port on the first computing component is manually connected to the second physical port on the second computing component, generating a user-detectable illumination signal on the first computing component indicating the particular first physical port, the user-detectable illumination signal assisting a user in determining which of the plurality of first physical ports to manually connect by cable to the second physical port on the second computing component; and

repeating the steps of identifying physical ports for manual cable connection and generating illumination signals until each of the plurality of computing components has been connected as desired for the installation.

2. (Previously Presented) The method of Claim 1 further comprising, before automatically identifying the particular first physical port of the first computing component:

identifying the first computing component to be connected to the second computing component; and

identifying the second computing component to be connected to the first computing component.

3. (Original) The method of Claim 1 further comprising:

identifying at least one port on the first computing component to be connected to at least one port on the second computing component; and

identifying at least one port on the second computing component to be connected to at least one port on the first computing component.

4. (Cancelled)

5. (Original) The method of Claim 1 further comprising illuminating at least one LED on the first computing component and at least one LED on the second computing component indicative of the cabling connection to be made between the first computing component and the second computing component.

6. (Cancelled)

7. (Original) The method of Claim 1 further comprising establishing communications with at least one computing component to be connected via a management communications interface.

8. (Previously Presented) The method of Claim 1 wherein the illumination signal indicates a type of cabling connection to be made between the first and second computing components.

9. (Original) The method of Claim 1 further comprising verifying completion of the cabling connection between the first computing component and the second computing component.

10. **(Currently Amended)** An information handling system, comprising:
at least one processor;
memory operably associated with the at least one processor;
a management communications interface operably coupled to the processor and the memory;
the management communications interface operably coupled to a communications network;

a program of instructions storable in the memory and when executed by the processor operable to:

automatically identifying a first computing component and a second computing ~~components~~ component for connection according to a predetermined cabling sequence for connecting a plurality of computing components;

automatically determine a type of cabling connection to be made between the first and second computing components;

automatically identify, from a plurality of first physical ports on a first computing component, a particular first physical port to be used for manual cable connection to a second physical port on the second computing component for physically connecting the first and second computing components;

before the particular first physical port on the first computing component is manually connected to the second physical port on the second computing component, generate a user-detectable illumination signal on the first computing component indicating the particular first physical port, the user-detectable illumination signal assisting a user in determining which of the plurality of first physical ports to manually connect by cable to the second physical port on the second computing component; and

repeat the steps of identifying physical ports of manual cable connection and generating illumination signals until each of the plurality of computing components has been connected as desired.

11. (Cancelled)

12. (Previously Presented) The information handling system of Claim 10 further comprising:

the program of instructions further operable to identify, from a plurality of second physical ports on the second computing component, a particular second physical port on the second computing component to be connected to the particular first physical port on the first computing component.

13. (Previously Presented) The information handling system of Claim 10 further comprising the program of instructions operable to illuminate at least one LED on the first computing component indicative of the particular first physical port to be used for manual cable connection with the second computing component.

14. (Previously Presented) The information handling system of Claim 12 further comprising:

the program of instructions operable to generate a user-detectable illumination signal on the second computing component indicating the particular second physical port included thereon to be manually connected by cable to the particular first physical ~~to~~-at-port included on the first computing component.

15. (Previously Presented) The information handling system of Claim 10 further comprising the program of instructions operable to alter the illumination signal on the first computing component to indicate a type of cabling connection to be made between the first and second computing components.

16-23. (Cancelled)

24. (Previously Presented) The method of Claim 1, further comprising:

identifying, from a plurality of second physical ports on the second computing component, a particular second physical port and to be physically connected to the identified particular first physical port on the first computing component; and

before the identified first physical port on the first computing component is physically connected to the second physical port on the second computing component, generating an illumination signal on the second computing component indicating the particular second physical port identified to be physically connected to the identified particular first physical port on the first computing component.

25. (Previously Presented) A method for physically connecting a plurality of computing components for a desired installation, the method comprising:

automatically identifying from the plurality of computing components a first computing component and a second computing component to manually cable to each other, according to a predetermined connection sequence;

automatically determining a type of cabling connection to be made between the first and second computing components;

automatically identifying, from a plurality of first physical ports on the first computing component, a particular first physical port to be used for manual cable connection to a second physical port on a second computing component for physically connecting the first and second computing components;

before the identified first and second computing components are manually connected to each other, generating a user-detectable illumination signal on each of the first and second computing components, the user-detectable illumination signals assisting a user in identifying which of the plurality of first physical ports to manually cable to the second physical port on the second computing component; and

repeating the steps of identifying pairs of computer components to manually cable to each other and generating illumination signals on each of the identified computer components until each of the plurality of computing components has been connected as desired for the installation.

26. (Cancelled)

27. (Cancelled)

28. (Previously Presented) The method of Claim 25, wherein generating a user-detectable illumination signal on each of the first and second computing components comprises illuminating at least one LED on the first computing component and at least one LED on the second computing component to assist the user in identifying which of the plurality of computing components to manually connect to each other

29. (Previously Presented) The method of Claim 25, wherein the illumination signal indicates a type of cabling connection to be made between the first and second computing components.

30. (Previously Presented) The method of Claim 25, further comprising:
accessing a predetermined cabling sequence in which each of the plurality of computing components are to be connected; and
automatically identifying the first and second computing components for connection according to the predetermined cabling sequence.